

Development of potato seed by 'PepsiCo'

†2226. DR. KIRODI LAL MEENA: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) whether it is a fact that the American company, 'PepsiCo' has developed a special variety of seed for potato, if so, the purpose thereof;
- (b) whether it is also a fact that a common farmer cannot grow the crops by using the seed developed by the said company, if so, the reasons therefor; and
- (c) the details of the plant protection rights awarded to 'PepsiCo' company in this regard?

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE (SHRI NARENDRA SINGH TOMAR): (a) to (c) The PepsiCo has developed two potato varieties, namely, FL 2027 and FL 1867 and registered under the Protection of Plant Varieties and Farmers' Rights Act, 2001 for a period of 15 years since 18.02.2011. These varieties are being used for manufacturing potato chips, which are sold under the brand name called LAY'S.

Provision is available under Section 39(iv) of the Protection of Plant Varieties and Farmers' Rights Act, 2001 that the farmers have the right to save, use, sow, re-sow, exchange, share or sell the farm produce from the protected variety under this Act in the same manner, as he was entitled before the coming into force of this Act provided that the farmer shall not be entitled to sell branded seed of a variety protected under this Act.

Settlement of claims under crop insurance scheme

2227. DR. K.V.P. RAMACHANDRA RAO: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) whether it is a fact that several claims under crop insurance scheme are pending for settlement in various States;
- (b) if so, the details thereof; and
- (c) the details of crops insured, premium paid to companies and claims made and settled and pending for settlement since last 3 years?

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE (SHRI NARENDRA SINGH TOMAR): (a) to (c) As per provisions of Pradhan Mantri Fasal Bima Yojana (PMFBY) admissible claims are generally paid by the insurance companies within two months of completion of Crop Cutting Experiments/harvesting period subject to availability

†Original notice of the question was received in Hindi.

of yield data and total State share of premium subsidy from concerned State Government within time. However, settlement of claims in some States get delayed due to reasons like delayed transmission of yield data; late release of their share in premium subsidy by some States, yield related disputes between insurance companies and States, non-receipt of account details of some farmers for transfer of claims and National Electronic Funds Transfer (NEFT) related issues, etc. However, this Department is regularly monitoring the implementation of PMFBY including timely settlement of claims. Penalty provisions for late settlement of claims by insurance companies and late release of funds by State Governments have also been stipulated under the scheme.

Details of gross premium, claim paid, claims pending since inception of Pradhan Mantri Fasal Bima Yojana (PMFBY) in Kharif 2016 season are given in Statement-I (*See below*).

The scheme envisages coverage of (i) Food Crops (Cereals, Millets and pulses), (ii) Oilseeds and (iii) Commercial/Horticultural crops. The crops and areas are notified by the concerned State Government subject to availability of past yield data of requisite number of Crop Cutting Experiments (CCEs) and capacity of the State Government to conduct the requisite number of CCEs to know the yield for calculation of claims. State-wise details of crops notified by the concerned States in Kharif 2018 and Rabi 2018-19 seasons are in Statement-II.

Statement-I

Details of gross premium paid to insurance company, claims paid, claims payable, pending claims and farmers benefitted under Pradhan Mantri Fasal Bima Yojana (PMFBY) since inception in Kharif 2016

| Season | Gross Premium (₹in crore) | Claims made (₹in crore) | Claims paid (₹in crore) | Claims outstanding against approved claims (₹in crore) | No. of farmers benefitted (in lakhs) |
|--------------|------------------------------|----------------------------|----------------------------|-----------------------------------------------------------|-----------------------------------------|
| Kharif 2016 | 16047 | 10557 | 10555 | 2 | 108 |
| Rabi 2016-17 | 6056 | 5704 | 5702 | 2 | 38 |
| Kharif 2017 | 19601 | 18244 | 18221 | 24 | 154 |
| Rabi 2017-18 | 6562 | 3277 | 3049 | 228 | 22 |
| Kharif 2018* | 20923 | 10247 | 9046 | 1201 | 80 |

*Provisional for Kharif 2018 season only. Some claims of Kharif 2018 and the claims of Rabi 2018-19 are not reported.

Statement-II

State-wise details of crops notified by States/UTs under PMFBY and RWBCIS during Kharif 2018

| State | Scheme | Crop |
|----------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 2 | 3 |
| Andhra Pradesh | PMFBY | Black Gram (Urad), Castor (Rehri, Rendi, Arandi), Chillies - IR, Chillies - RF, Cotton (Kapas) - IR, Cotton (Kapas) - RF, Green Gram (Moong), Groundnut (Pea Nut) - IR, Groundnut (Pea Nut) - RF, Korra, Maize (Makka), Onion, Paddy (Dhan), Pearl Millet (Bajra), Pigeon Pea (Red Gram/Arhar/Tur), Sorghum (Jowar/Great Millet), Sugarcane - Ratoon, Sugarcane - Seasonal/Suru/Plant, Sunflower (Suryamukhi), Turmeric |
| | WBCIS | Cotton (Kapas) - RF, Groundnut (Pea Nut) - RF, Mosambi (sweet lime), Oil Palm, Red Chillies - RF, Tomato - RF |
| Assam | PMFBY | Jute, Paddy - Sali |
| Chhattisgarh | PMFBY | Black Gram (Urad), Green Gram (Moong), Groundnut (Pea Nut), Maize (Makka), Paddy - IR, Paddy - RF (UnIR), Pigeon Pea (Red Gram/Arhar/Tur), Soybean (Bhat) |
| | WBCIS | Banana, Brinjal, Chillies, Ginger, Guava, Papaya, Tomato |
| Goa | PMFBY | Groundnut (Pea Nut), Paddy (Dhan), Pulses, Sugarcane-Seasonal/Suru/plant |
| Gujarat | PMFBY | Banana, Black Gram (Urad), Castor (Rehri, Rendi, Arandi), Cotton (Kapas) - IR, Cotton (Kapas) - RF, Fingermillet (Ragi/Mandika), Green Gram (Moong), Groundnut (Pea Nut), Groundnut (Pea Nut) - IR, Maize (Makka), Moth Bean (Kidney Bean/Deww Gram), Paddy - IR, Paddy - RF (UnIR), Pearl Millet (Bajra), Pigeon Pea (Red Gram/Arhar/Tur), Sesame (Gingelly/Til)/Sesamum, Sorghum (Jowar/Great Millet) |

| 1 | 2 | 3 |
|-------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Haryana | PMFBY | Cotton (Kapas), Maize (Makka), Paddy (Dhan), Pearl Millet (Bajra) |
| Himachal Pradesh | PMFBY | Maize (Makka), Paddy (Dhan) |
| | WBCIS | Cabbage, Cauliflower, Ginger, Peas (Field Peas/ Garden Peas/Matar), Potato, Tomato |
| Jammu and Kashmir | PMFBY | Maize (Makka), Paddy (Dhan) |
| Jharkhand | PMFBY | Maize (Makka), Paddy (Dhan) |
| Kerala | PMFBY | Banana, Paddy - Autumn, Tapioca |
| | WBCIS | Areca nut, Banana, Cardamom, Ginger, Nutmeg, Paddy Autumn, Pepper, Pineapple, Sugarcane - Adisali, Turmeric |
| Madhya Pradesh | PMFBY | Black Gram (Urad), Cotton (Kapas), Green Gram (Moong), Groundnut (Pea Nut), Little Millet (Samai/Kutki/Kodo-Kutki), Maize (Makka), Paddy - IR, Paddy - RF (UnIR), Pearl Millet (Bajra), Pigeon Pea (Red Gram/Arhar/Tur), Sesame (Gingelly/Til)/Sesamum, Sorghum (Jowar/Great Millet), Soybean (Bhat) |
| | WBCIS | Banana, Brinjal, Chillies, Onion, Orange, Papaya, Tomato |
| Maharashtra | PMFBY | Black Gram (Urad), Cotton (Kapas), Fingermillet (Ragi/Mandika) - RF, Green Gram (Moong), Groundnut (Pea Nut), Maize (Makka), Niger (Ramtil), Onion, Paddy (Dhan), Pearl Millet (Bajra), Pigeon Pea (Red Gram/Arhar/Tur), Sesame (Gingelly/Til)/Sesamum, Sorghum (Jowar/Great Millet), Soybean (Bhat), Sunflower (Suryamukhi) |
| | WBCIS | Guava, Mosambi, Mosambi (sweet lime), Orange, Pomegranate, Sapota |
| Meghalaya | PMFBY | Ginger, Maize (Makka), Paddy - Aahu, Paddy - Sali, Potato |

| 1 | 2 | 3 |
|---------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Odisha | PMFBY | Cotton (Kapas), Ginger, Groundnut (Pea Nut), Maize (Makka), Paddy (Dhan), Pigeon Pea (Red Gram/Arhar/Tur), Turmeric |
| Puducherry | PMFBY | Paddy-I, Paddy-II |
| Rajasthan | PMFBY | Black Gram (Urad), Cotton (Kapas), Cowpea, Green Gram (Moong), Groundnut (Pea Nut), Guar, Maize (Makka), Moth Bean (Kidney Bean/ Deww Gram), Paddy (Dhan), Pearl Millet (Bajra), Pearl Millet (Bajra) - RF, Pigeon Pea (Red Gram/ Arhar/Tur), Sesame (Gingelly/Til/Sesamum, Sorghum (Jowar/Great Millet), Soybean (Bhat) |
| | WBCIS | Castor (Rehri, Rendi, Arandi), Chillies, Guava, Kinnow, Onion, Orange, Pomegranate |
| Sikkim | PMFBY | Black Gram (Urad), Buck Wheat (Kaspat), Fingermillet (Ragi/Mandika), Ginger, Maize (Makka), Paddy (Dhan), Soybean (Bhat) - IR |
| Tamil Nadu | PMFBY | Banana, Black Gram (Urad), Cotton (Kapas), Cowpea, Fingermillet (Ragi/Mandika), Green Gram (Moong), Groundnut (Pea Nut), Maize (Makka), Onion, Paddy-I, Pearl Millet (Bajra), Pigeon Pea (Red Gram/Arhar/Tur), Potato, Sesame (Gingelly/Til/Sesamum, Sorghum (Jowar/Great Millet), Sunflower (Suryamukhi), Tapioca, Turmeric |
| Telangana | PMFBY | Black Gram (Urad), Green Gram (Moong), Groundnut (Pea Nut), Maize (Makka) - RF, Paddy (Dhan), Pigeon Pea (Red Gram/Arhar/ Tur), Rice, Sorghum (Jowar/Great Millet) - RF, Soybean (Bhat) - RF, Turmeric |
| | WBCIS | Cotton (Kapas), Mosambi (sweet lime), Oil Palm, Red Chillies |
| Uttar Pradesh | PMFBY | Black Gram (Urad), Green Gram (Moong), Groundnut (Pea Nut), Maize (Makka), Paddy |

| 1 | 2 | 3 |
|-------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | (Dhan), Pearl Millet (Bajra), Pigeon Pea (Red Gram/Arhar/Tur), Sesame (Gingelly/Til)/Sesamum, Sorghum (Jowar/Great Millet), Soybean (Bhat) |
| | WBCIS | Banana, Chillies |
| Uttarakhand | PMFBY | Fingermillet (Ragi/Mandika) - RF, Paddy - Hills, Paddy (Dhan) |
| | WBCIS | Chillies - Hills, French Bean - Hills, Ginger, Ginger - Hills, Potato - Hills, Tomato - Hills |
| West Bengal | PMFBY | Jute, Maize (Makka), Paddy - Aman, Paddy - Aus |
| | WBCIS | Amarphophallus (Surankand/Elephant Foot Yam), Ash Gourd (Petha), Banana, Betel Vine, Bhindi (Okra/Ladyfinger), Bitter Gourd, Bottle Gourd, Brinjal, Cardamom, Cauliflower, Chillies, Cucumber, Ginger, Guava, Indian Squash (Tinda/Round Melon), Kundru, Marigold, Onion, Orange, Papaya, Pineapple, Pointed Gourd, Pumpkin, Ridge Gourd, Smooth Guard, Snake Gourd, Spine Gourd, Sponge Gourd, Tomato, Tuberose, Turmeric |

State-wise details of crops notified by States/UTs under PMFBY and RWBCIS during Rabi 2018-19

| State | Scheme | Crop |
|----------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 2 | 3 |
| Andhra Pradesh | PMFBY | Bengal Gram (Chana), Black Gram (Urad), Green Gram (Moong), Groundnut (Pea Nut), Maize (Makka), Onion, Red Chillies, Rice, Sorghum (Jowar/Great Millet), Sunflower (Suryamukhi) |
| Andhra Pradesh | WBCTS | Acid Lime, Banana, Cashew, Mango - 16 to 50 years, Mango - 5 to 15 years, Tomato |

| 1 | 2 | 3 |
|-------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assam | PMFBY | Mustard, Paddy - Summer, Potato, Sugarcane - Noble Cane |
| Chhattisgarh | PMFBY | Bengal Gram (Chana), Linseed (Alsi), Mustard, Wheat - IR, Wheat - RF |
| Chhattisgarh | WBCIS | Brinjal, Cabbage, Cauliflower, Onion, Potato, Tomato |
| Goa | PMFBY | Groundnut (Pea Nut), Paddy (Dhan), Pulses |
| Gujarat | PMFBY | Bengal Gram (Chana), Cumin, Fennel, Garlic, Groundnut (Pea Nut) - Summer, Isabgol, Onion, Pearl Millet (Bajra) - IR, Potato, Raya (Indian Mustard), Wheat - IR, Wheat - RF |
| Haryana | PMFBY | Barley (Jau), Bengal Gram (Chana), Mustard, Sunflower (Suryamukhi), Wheat |
| Himachal Pradesh | PMFBY | Barley (Jau), Wheat |
| Himachal Pradesh | WBCIS | Apple - >5 years, Capsicum, Citrus - >5 years, Garlic, Mango - >5 years, Peach - >5 years, Plum - >5 years, Potato, Tomato |
| Jammu and Kashmir | PMFBY | Wheat |
| Jharkhand | PMFBY | Bengal Gram (Chana), Mustard, Potato, Wheat |
| Kerala | PMFBY | Banana, Banana - Plaintain, Paddy-II, Paddy - Summer, Tapioca - Rabi-I, Tapioca - Rabi-II |
| Kerala | WBCIS | Banana, Bitter Gourd, Cabbage, Carrot, Cashew, French Bean, Garlic, Mango, Paddy-II, Paddy - Summer, Potato, Snake Gourd, Sugarcane - Adsali, Yard Long Bean |
| Madhya Pradesh | PMFBY | Bengal Gram (Chana), Lentil (Masur), Linseed (Alsi), Mustard, Wheat-IR, Wheat-RF |
| Madhya Pradesh | WBCIS | Brinjal, Cabbage, Cauliflower, Coriander, Garlic, Grape, Mango, Onion, Peas (Field Peas/Garden Peas/Matar), Pomegranate, Potato, Potato-II, Tomato |

| 1 | 2 | 3 |
|-------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maharashtra | PMFBY | Bengal Gram (Chana), Groundnut (Pea Nut) - Summer, Onion, Paddy - Summer, Safflower (Kusum/Kardi), Sorghum (Jowar/Great Millet) - IR, Sorghum (Jowar/Great Millet) - RF, Sunflower (Suryamukhi), Wheat - IR, Wheat - RF |
| Maharashtra | WBCIS | Acid Lime, Banana - Tissue Culture, Cashew, Grape, Guava, Mango, Mosambi (sweet lime), Orange, Pomegranate, |
| Odisha | PMFBY | Black Gram (Urad), Green Gram (Moong), Groundnut (Pea Nut), Mustard, Onion, Paddy (Dhan), Potato, Sugarcane - Noble Cane, Sunflower (Suryamukhi) |
| Rajasthan | PMFBY | Barley (Jau), Bengal Gram (Chana), Coriander, Cumin, Fodder Maize, Isabgol, Lentil (Masur), Maize (Makka) - Rabi, Methi (Fenugreek), Mustard, Rocket Salad (Taramira), Wheat |
| Rajasthan | WBCIS | Aonla, Butter Pea (Vegetable), Datepalm, Garlic, Melon, Onion, Potato, Tomato, Watermelon, |
| Tamil Nadu | PMFBY | Banana, Black Gram (Urad), Cotton (Kapas), Cowpea, Fingermillet (Ragi/Mandika), Green Gram (Moong), Groundnut (Pea Nut), Maize (Makka), Onion, Paddy-II, Paddy-III, Pearl Millet (Bajra), Pigeon Pea (Red Gram/Arhar/Tur), Potato, Red Chillies, Rice Fallow Cotton, Sesame (Gingelly/Til)/Sesamum, Sorghum (Jowar/Great Millet), Sugarcane - Seasonal/Suru/plant, Sunflower (Suryamukhi), Tapioca |
| Telangana | PMFBY | Bengal Gram (Chana), Black Gram (Urad), Green Gram (Moong), Groundnut (Pea Nut), Maize (Makka), Onion, Red Chillies, Rice, Sesame (Gingelly/Til)/Sesamum, Sorghum (Jowar/Great Millet), Sunflower (Suryamukhi) |
| Telangana | WBCIS | Mango -16 to 50 Years, Mango - 5 to 15 Years |

| 1 | 2 | 3 |
|---------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tripura | PMFBY | Brinjal, Cauliflower, Paddy - Boro, Potato, Tomato, Watermelon |
| Uttar Pradesh | PMFBY | Bengal Gram (Chana), Lentil (Masur), Mustard, Pea, Potato, Wheat |
| Uttarakhand | PMFBY | Lentil (Masur), Wheat, Wheat - Hills |
| Uttarakhand | WBCIS | Apple - 15 to 40 Years, Apple - 5 to 15 Years, Litchi - 11 to 30 Years, Litchi - 51 to 10 Years, Litchi - Hills 11 to 30 Years, Litchi - Hills 5 to 10 Years, Malta - 05 to 10 Years, Malta - 11 to 25 Years, Mango - 16 to 50 Years, Mango - 5 to 15 Years, Mango - Hills - 16 to 50 Years, Mango - Hills - 5 to 15 Years, Mosambi (sweet lime) - 11 to 25 Years, Mosambi (sweet lime) - 5 to 10 Years, Orange - 11 to 25 Years, Orange - 5 to 10 Years, Peach - 10 to 25 Years, Peach - 5 to 10 Years, Peas (Field Peas/Garden Peas/Matar), Peas (Field Peas/Garden Peas/Matar) - Vegetables Hills, Potato, Tomato |
| West Bengal | PMFBY | Bengal Gram (Chana), Green Gram (Moong), Groundnut (Pea Nut) - Summer, Lentil (Masur), Maize (Makka) - Rabi, Maize (Makka) - Summer, Mustard, Paddy - Boro, Potato, Sesame (Gingelly/Til)/Sesamum, Sugarcane - Noble Cane, Wheat |
| West Bengal | WBCIS | Ash Gourd (Petha), Banana, Banana - Plaintain, Betel Vine, Bhindi (Okra/Ladyfinger), Bitter Gourd, Bottle Gourd, Brinjal, Cabbage, Capsicum, Cauliflower, Chillies, Cucumber, Guava, Ivy Gourd, Litchi, Litchi - 11 to 30 Years, Litchi - 51 to 10 Years, Mango, Mango - >5 Years, Mango - 05 to 10 Years, Mango - 10 to 40 Years, Mango - 16 to 50 Years, Mango - 5 to 15 Years, Mango - More than 40 Years, Marigold, Onion, Papaya, Pointed Gourd, Pumpkin, Ribbed Gourd (Kali Tori), Ridge Gourd, Smooth Guard, Snake Gourd, Spine Gourd, Sponge Gourd, Tomato, Tuberose |