

Republic of the Philippines
Department of Agriculture and Natural Resources
BUREAU OF PLANT INDUSTRY
M a n i l a

ADMINISTRATIVE ORDER NO. 5
Series of 1930

SUBJECT: An Order Declaring the Florida Red Scale, *Chrysomphalus* *Aonidium*, the Transparent Scale, *Aspidiotus Destructor*, and Other Species of Scale Insects of Coconut Dangerous Plant Pests, and Providing for Their Control.

WHEREAS, there exist in alarming numbers in the Municipality of Cebu, Province of Cebu; in the municipality of Oton, Province of Iloilo, in the Municipalities of Bacolod, Bago, Hinigaran, Pontevedra, Saravia, and Villadolid, in the Province of Occidental Negros and in the Municipalities of Calasiao, Dagupan, San Carlos and Urdaneta, Province of Pangasinan, an insect known as the Florida Red Scale, *Chrysomphalus aonidium*, and in the Municipalities of Pulpandan, San Enrique and Villadolid, Province of Occidental Negros, and in the Municipality of Iloilo, Province of Iloilo, an insect known as the Transparent Scale, *Aspidiotus destructor*, as well as other species of scales, which disastrously attack the coconut trees;

WHEREAS, the coconut is one of the main economic plants of the Philippine Islands, the exports of its products amounting to millions of pesos annually;

WHEREAS, the Florida Red Scale, the Transparent Scale and other species of scales attack not only coconuts but other plants as well, such as citrus, banana, guava, etc., and also certain ornamental plants;

WHEREAS, adequate measures must be adopted to check the increase, prevent the spread, and thus effect the control of these injurious insects;

NOW, THEREFORE, under the authority conferred by Section 1757 of Act No. 2711, known as the Administrative Code and Section 10 of Act No. 3027, entitled "An Act to Protect the Agricultural Industries of the Philippine Islands from Injurious Plant Pests and Diseases, etc.," which authority is now vested in the Director of Plant Industry and the Secretary of Agriculture and Natural Resources, it is hereby declared that the Florida Red Scale, *Chrysomphalus aonidium*, the Transparent Scale, *Aspidiotus destructor*, and other species of scales, be considered and dealt with as dangerous plant pests, for this purpose the following rules and regulations governing the removal or treatment of the parts of the coconut trees as well as of the other host plants affected, and prescribing the methods of combating and controlling these plant pests are hereby promulgated for the information and guidance of all concerned:

1. For the purpose of this Administrative Order, all the municipalities in the Provinces of Cebu, Iloilo, Occidental Negros and Pangasinan where the Florida Red Scale, or the Transparent Scale or any other species of scale is or has recently been known to exist shall be considered as formally declared infested with these plant pests.

2. The movement, transfer or carrying of parts of the coconut or other plants infested by or which harbor any of these plant pests from the infested municipalities in the Province of Cebu, Iloilo, Occidental Negros, and Pangasinan or from other municipalities of said province which may be declared infested hereafter, to non-infested provinces, is hereby prohibited.

3. The movement, transfer, or carrying of parts of the coconut or other plants infested by or which harbor any of these plant pests from a municipality declared infested or which may hereafter be declared infested to another municipality, whether declared infested or not, in the same province, or to any municipality in the aforementioned provinces, is likewise prohibited.

4. Whenever the Florida Red Scale, or the Transparent Scale or any other species of scales is known to exist in alarming numbers in any locality in the Philippine Islands aside from the infested municipalities and provinces mentioned in this Administrative Order, the Director of Plant Industry shall send a written report to the Governor of the province concerned, either direct or through an authorized representative of the Bureau of Plant Industry, containing among other things, the names of the municipalities or barrios infested by any of these plant pests, and of the owners or persons in charge of the affected coconut plantations or other host plants.

5. Upon being notified in accordance with the preceding paragraph, the Provincial Governor shall immediately inform each Municipal President concerned in writing of the contents of the notification of the Director of Plant Industry. The Municipal President shall then issue a general written notification to the inhabitants of his municipality to the effect that the Florida Red Scale, or the Transparent Scale or any other species of scales in alarming numbers, exists in the municipality, and at the same time declare such municipality infested with these plant pests. Copies of the general notification shall be posted in at least six conspicuous places in the municipality and a certified copy of same sent to the Director of Plant Industry.

6. Once a municipality or a portion thereof has been declared infested with any of these plant pests, it shall be duty of every person who owns or has in his care coconut trees or any host plants within the infested areas to do as follows:

(a) First prune off the badly infested coconut leaves and destroy by burning such leaves and also the other host plants, especially those

having no economic value. Before these leaves of the coconut or parts of other plants cut off are burnt, however, they should be allowed to remain on the ground for at least two weeks to let the parasites of the scales escape and continue their beneficial work.

(b) Spray the infested trees with kerosene emulsion or soap solution made preferably with 1/4 to 1/2 kilo soft soap, such as the yellow Chinese laundry soap, dissolved in about 18.75 liters or about one petroleum canful of water or with soap nicotine sulphate syrup at the rate of 1 to 2 salmon canfuls in the same amount of water. The spray should be directed against both surfaces of the leaves or where the scale insects are found. The spraying should be done in such a way as to thoroughly wet the insects with the liquid and kill them by suffocation.

(c) Cooperate with and aid the agronomist and other officials of the Bureau of Plant Industry in their work of controlling the Florida Red Scale, the Transparent Scale and other species of scales and comply with all the instructions, orders, or requirements relative to the destruction or control of these plant pests, such as those relating to the systematic cutting and destruction of badly infested leaflets or leaves or of entire trees, if considered necessary.

7. In order to carry out the provisions of this Administrative Order, the Secretary of Agriculture and Natural Resources and the Director of Plant Industry or their duly authorized representatives, the Provincial Governor or his duly authorized representatives, the president of the municipality concerned or his duly authorized representatives and all other officials connected with or taking part in the campaign of controlling those plant pests, shall at all times have access to any land, lot, yard, garden or plantation where the Florida Red Scale, or the Transparent Scale, or any other species of scales in alarming numbers is known or suspected to exist.

8. Nothing in this Order shall be construed or interpreted as prohibiting the Secretary of Agriculture and Natural Resources, the Director of Plant Industry or any of their duly authorized representatives from ordering the cutting down, taking away, or removing, in exceptional cases and in such manner or by such methods or under such conditions as may be prescribed by him, of such coconut plants or parts thereof as well as of such other affected plants from any or all of the provinces mentioned above, or from those which may be declared infested hereafter.

9. Whenever a municipality or province has been officially declared infested with any of these plant pests in accordance with paragraphs 4 and 5 of this Order, and in order to promptly effect the control thereof, the Chief of the Philippine Constabulary and the provincial and municipal officials shall, upon request made pursuant

to Section 12 of Act No. 3027, assist and cooperate with the Director of Plant Industry or his duly authorized representatives in the strict enforcement of all orders or instructions of the Director of Plant Industry relative to these plant pests.

10. Any person who contravenes or violates any of the provisions of this Administrative Order, or who obstructs or impedes or assists in obstructing or impeding the Secretary of Agriculture and Natural Resources, the Director of Plant Industry or their duly authorized representatives, the provincial governor or his duly authorized representatives, the municipal president or his duly authorized representatives, or any other official or employee connected with or taking part in the campaign of controlling these plant pests, in execution of any of the provisions of this Order, shall be liable to prosecution and upon conviction shall suffer the penalty provided in Section 2746 of Act No. 2711 (Administrative Code), which is a fine not exceeding two hundred pesos or imprisonment not exceeding thirty days, or both, in the discretion of the court.

11. This Administrative Order shall take effect on September 1, 1930.