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**INFLUENCE OF DIFFERENT APPLICATION RATES OF WATER-
HOLDING GRANULES OF AKVOD ON PRODUCTIVITY OF
BROCCOLI CABBAGE IN CONDITIONS OF FOREST STEPPE OF
UKRAINE**

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The results of trials of Water-retaining granules Akvod for growing seedlings and soil mulching agrovolokno black and black perforated polyethylene film in tunnel shelters for growing cauliflower under steppes of Ukraine.

Cauliflower, tunnel cover, mulching soil, agrovolokno black, perforated polyethylene film.

Analysis of secondary parameters decadal temperature shelters in the tunnel (perforated polyethylene film material) in the open field showed that the first air temperature was above the average of 2,1 ° C and made up 8,5-22,4 ° C, then as in the open field the average value of this indicator for the determination period was 7,8-19,5 ° C during the study period in the plant tunnel shelters received in 2009. At 245 ° C, in 2010. At 241 ° C, and in 2011 .. In the 234 ° C a large sum of effective temperatures of the open ground. Observation of the indicator relative humidity in temporary shelters tunnel and open field indicates that the tunnel shelters covered with plastic wrap contributed content higher relative humidity on 8,9-9,3%, depending on weather conditions. Observations showed that the tunnel shelters in versions mulch black and black perforated polyethylene film cauliflower plants were supplied with moisture at an optimum level, in the version without mulching the soil moisture deficit was observed.

So, in the tunnel shelters for mulching the soil water retention and use of pellets containing high soil temperature and county convent, higher soil moisture and relative

humidity, as well as the plant received a large sum of effective temperatures above 10 ° C.

Phase of technical maturity before mentioned plants for the use of pellets and plastic film mulch black perforated-Vano - 31.05 and in control for seven days later - 7.06. Interphase period transplanting - tying head was shorter versions of polyethylene mulch film perforated black - 37 days and in control - 41 hours. Interphase period tying heads - technical maturity of plants variants using mulch lasted 19-20 days, and in the version without the use of mulch 21 days. The most user-friendly entering the crop in temporary shelters tunnel observed in plant application crop was 9 days.

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