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ABSTRACT BOOK

COMPARATIVE ANALYSIS OF TROUT FEEDING PROGRAMS

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Ukraine has great potential in the trout farming. Nevertheless all farms use foreign produced fish feed. Overcoming the obstacles of developing domestic trout feed production is necessary goal of Ukrainian feed industry. Nutrient requirements of trout have been changed through fish life-cycle. Energy and protein requirements of fish depend upon water temperature, oxygen saturation, type of feeding etc. Trout feeding programs of different foreign enterprises were analyzed. The main steps of trout cultivation were considered. Ukrainian trout feeding program was improved, based on theoretical research. Four main periods of trout feeding were distinguished: prestarting, starting, growing and productive. The developed trout feeding program with nutrient requirements was recommended for trout feed production.

Keywords: mixed feed for trout, trout feeding program, requirements of trout