

TEST TASKS

1. Nitrogen fertilizer includes:

- A) nitroammophos;
- B) ammophos;
- C) urea;
- D) sylvinite;
- E) potassium nitrate.

2. Nitrogen fertilizer includes:

- A) potassium nitrate;
- B) ammophos;
- C) nitroammophos;
- D) urea;
- E) sylvinite.

3. Phosphorus fertilizer includes:

- A) urea;
- B) saltpeter;
- C) precipitate;
- D) sylvinite;
- E) kainite.

4. Phosphorus fertilizer includes:

- A) kainite;
- B) sylvinite;
- C) nitrate;
- D) superphosphate;
- E) carbamide.

5. Complex fertilizer includes:

- A) double superphosphate;
- B) nitroammophos;
- C) simple superphosphate;
- D) carnaite;
- E) carbamide.

6. Secondary energy resource used in ammonium nitrate production:

- A) heat of neutralization reaction;
- B) calcination gas;
- C) heat of oxidation reaction;
- D) water vapor;
- E) secondary steam.

7. The reaction equation for the production of ammonium nitrate:

- A) $2\text{NH}_3 + \text{H}_2\text{SO}_4 \rightarrow (\text{NH}_4)_2\text{SO}_4$;
- B) $2\text{NH}_3 + \text{H}_3\text{PO}_4 \rightarrow (\text{NH}_4)_2\text{HPO}_4$;
- C) $\text{NH}_3 + \text{HNO}_3 \rightarrow \text{NH}_4\text{NO}_3$;
- D) $\text{N}_2 + 3\text{H}_2 + 2\text{HNO}_3 \rightarrow 2\text{NH}_4\text{NO}_3$;